## ABSTRACT OF THE DISCLOSURE

A tubeless pneumatic tire is provided including a carcass having a carcass cord web and topping rubber layers covering the opposite sides of the carcass cord web, the carcass extending from a tread portion through a sidewall portion to a bead portion and turned up around a bead core outwardly from the inside of the tire in the axial direction of the tire, wherein only the inner one of the topping rubber layers which faces the inside of the tire is made of a butyl-based rubber. The tubeless pneumatic tire is of lightened weight and exhibits anti-airleak property comparable or superior to that of conventional one even if it is provided with no inner liner.